AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application.

COMPLETE LISTING OF THE CLAIMS:

Claim 1 (Original) An arrangement for generating a dynamic, omni-directional scan pattern in a reader for electro-optically reading indicia, comprising:

a) a housing having a window;

b) a rotary mirrored component mounted in the housing for rotation about an axis;

c) a plurality of stationary, folding mirrors mounted in the housing and generally arranged about the axis;

d) a light source mounted in the housing and operative for generating and directing a light beam toward the rotary component for reflection therefrom to the stationary mirrors for reflection therefrom through the window to the indicia to be read;

e) a motor in the housing for rotating the rotary component to sweep the light beam across the stationary mirrors to form an omni-directional scan pattern comprising a plurality of scan lines at the window;

f) an oscillating mirror mounted for oscillation in the housing between the light source and the rotary component; and

g) a drive for oscillating the oscillating mirror to move the scan pattern relative to the window.

Claim 2 (Original) The arrangement of claim 1, wherein the housing has a parallelepiped shape and has a base on which the housing is supported.

Claim 3 (Original) The arrangement of claim 1, wherein the rotary component has a plurality of planar mirrors arranged around the axis.

Claim 4 (Original) The arrangement of claim 1, wherein each of the stationary mirrors is planar.

Claim 5 (Original) The arrangement of claim 1, wherein the rotary component has four planar mirrors arranged around the axis, and wherein there are five planar stationary mirrors.

Claim 6 (Original) The arrangement of claim 1, wherein the oscillating mirror is a planar mirror.

Claim 7 (Original) The arrangement of claim 1, wherein the drive oscillates the oscillating mirror so that the light beam reflected therefrom moves along the axis of rotation of the rotary component.

Claim 8 (Original) The arrangement of claim 7, wherein the drive oscillates the oscillating mirror over an arcuate distance on the order of 1°.

Claim 9 (Original) The arrangement of claim 1, wherein the drive oscillates the oscillating mirror at a frequency on the order of 40 Hz.

Claim 10 (Original) A method of generating a dynamic, omni-directional scan pattern in a reader for electro-optically reading indicia, comprising the steps of:

a) providing a window on a housing;

b) mounting a rotary mirrored component in the housing for rotation about an axis;

c) mounting a plurality of stationary, folding mirrors in the housing and generally arranged about the axis;

d) mounting a light source in the housing and generating and directing a light beam toward the rotary component for reflection therefrom to the stationary mirrors for reflection therefrom through the window to the indicia to be read;

e) rotating the rotary component to sweep the light beam across the stationary mirrors to form an omni-directional scan pattern comprising a plurality of scan lines at the window;

f) mounting an oscillating mirror for oscillation in the housing between the light source and the rotary component; and

g) oscillating the oscillating mirror to move the scan pattern relative to the window.

Claim 11 (New) The arrangement of claim 1, and a flexure on which the oscillating mirror is mounted, and wherein the drive is operative for flexing the flexure to oscillate the oscillating mirror.